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(54) Title: **CLONING OF BASB110 ANTIGEN FROM MORAXELLA (BRANHAMELLA) CATARRHALIS**

(57) Abstract: The invention provides BASB110 polypeptides and polynucleotides encoding BASB110 polypeptides and methods for producing such polypeptides by recombinant techniques. Also provided are diagnostic, prophylactic and therapeutic uses.

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